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# SUGAR REPORTS

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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

WASHINGTON, D.C.

MARCH 1971

NO. 226

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MARKET REVIEW

On Feb. 23, 1971 the U. S. Department of Agriculture announced the removal of limitations on the importation of raw sugar during the first quarter of 1971. A limitation of 1,411,865 tons on set-aside commitments for the second quarter importation of raw sugar continues in effect. The press release accompanying this action appears on page 8.

Sales of sugar by primary distributors in 1971 continue to compare well with the first few months of last year when record quantities were distributed. In fact, it was the high rate of distribution in the first quarter of last year that resulted in the record rate of per capita deliveries for the year.

Preliminary reports indicate that through Mar. 20, 1971, 2,048,000 tons of sugar were distributed compared with 2,190,000 tons during the same period last year. There were about 162,000 tons of sugar constructively delivered in 1970, i.e., sugar sold and charged to quotas in December but physically delivered in January and February of 1971, compared with 40,000 tons so delivered in 1969. Physical deliveries through Mar. 20, 1971, therefore, totaled 2,210,000 tons compared with physical deliveries of 2,230,000 tons during that period of 1970.

Regionally, reported distribution of refined sugar by states of destination totaled 13.5 million hundredweight during January 1971 compared with 15.3 million hundredweight during January of last year, a decline of 11.6 percent. If half of the 162,000 tons of sugar constructively delivered in December 1970 was delivered in January 1971 then physical deliveries would total about 15.1 million hundredweight compared with physical deliveries of about 15.7 million hundredweight in January of 1970, or a decline of about four percent. Reported deliveries were down in all of the geographical regions with the West down the most--36.9 percent, followed by New England which was down 13.0 percent, the mid-Atlantic 9.3 percent, North Central 7.3 percent and the South down 5.5 percent.

Individually, eight states had increased reported deliveries in January of 1971 as compared with January of 1970, 40 had less and two received about the same quantities. Illinois had the largest increase -- 94,000 hundredweight while Minnesota had the smallest--2,000 hundredweight. Of those states where reported deliveries were smaller during



January 1971; the range was from 529,000 hundredweight less in California to 1,000 hundredweight less in Mississippi.

Inventories of raw and refined sugar held by all primary distributors as of Feb. 27, 1971 totaled 2,903,000 short tons, raw value, according to preliminary reports. This was a decline of 100,000 tons from a month earlier and an increase of 76,000 tons above a year earlier. Beet processors' stocks of 1,681,000 tons were 2,000 tons larger than a month earlier and about 26,000 tons less than at the end of February last year. Cane sugar refiners' stocks of raw and refined sugar were reported as 792,000 tons, down 106,000 tons from the end of January but up 121,000 tons from the end of February last year.

During the period under review there were indications that the announced increases in wholesale price quotations for refined sugar sold in the basis pack--100 pound paper bags--and in bulk, which were reported in the last issue of Sugar Reports as scheduled for Mar. 1, 1971, did not become fully effective in all sales regions. In the Northeast, sellers are continuing to entertain orders for sugar for delivery during March and April at .10 cent per pound under list prices for sales of industrial sugars. In the Gulf region, orders for industrial sugars for delivery during March and April are being accepted at .20 cent per pound below list, while in the Chicago-west region, a beet processor announced on Feb. 24, 1971, that until there is a clarification of market conditions he will continue to offer 100-pound bags of sugar for sale on a day-to-day basis at .30 cent per pound below the quoted price of 11.90 cents for the basis pack.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack and in bulk, by regions. Significant variations of actual prices from the quoted prices may be found in certain areas reflecting competitive conditions.

PRICE QUOTATIONS IN CENTS PER POUND

	<u>Hundredweights cane or beet</u>	<u>Bulk dry cane or beet</u>
Northeast	12.40/12.50	12.20
Southeast	12.00	11.75/11.80
Gulf	11.50/11.70	11.25
Eastern beet	11.60	11.45/11.75
Chicago-west	11.60/11.90	11.45/11.75
Lower Pacific	11.40	11.25
Northwest Intermountain	11.35	11.10

The U. S. retail price for refined sugar sold in 5-pound paper bags was 13.44 cents per pound during February compared with 13.40 cents during January and 12.58 cents in February of last year.

The New York Coffee and Sugar Exchange's spot quotation for raw sugar duty paid, and delivered to New York averaged 8.44 cents per pound during February, up from 8.35 cents in January and from 7.96 cents in February 1970.

The New York quotation followed a strong note during most of February rising from 8.40 cents on Feb. 2 to 8.45 cents on Feb. 3, where it remained until Feb. 25 when it declined to 8.43 cents per pound. During March the quotation has further weakened, declining to 8.40 cents on Mar. 3, to 8.35 cents on Mar. 18 and to 8.30 on Mar. 23. For the period March 1-2 the quotation has averaged 8.38 cents per pound compared with 7.90 cents during the same period of March 1970.

Deliveries of refined sugar to processors of food and other products were up 7.4 percent during calendar year 1970 as compared with 1969 while deliveries of sugar for consumption in the homes and institutions increased about 7.6 percent. Six of the industrial type users received more sugar in 1970 than in 1969, one received less. Beverage manufacturers had the largest gain, 12.3 percent, followed by bakery, cereal and allied products, up 9.3 percent, confectionery and related products up 6.7 percent, ice cream and dairy products up 3.7 percent and canners up 1.3 percent. Deliveries for industrial non-food uses which accounted for only a little more than one percent of all deliveries for industrial use, were up 14.6 percent in 1970 as compared with 1969 while deliveries to manufacturers for multiple and unclassified food uses were down 3.6 percent.

Of the non-industrial type users, deliveries to retail grocers were up 10.6 percent in 1970 as compared with 1969 and deliveries to wholesalers increased 6.6 percent. Distribution to hotels, restaurants and institutions, which accounted for less than one percent of total deliveries in 1970 were down 2.5 percent while deliveries to all other non-industrial type users declined 0.5 percent.

Primary distributors' direct deliveries of all sugar(packaged, bulk and liquid--both beet and cane) during Calendar Year 1970 increased about 7.5 percent as compared with 1969. Total deliveries of beet sugar which accounted for about 31 percent of the 1970 total, increased 11 percent above 1969 while deliveries of cane sugar increased 5.9 percent.

Deliveries of cane and beet sugar in consumer-size packages (less than 50 pounds) by primary distributors were 3.6 percent larger in 1970 than in 1969. Increases occurred in all of the geographical regions ranging from 1.0 percent in the South to 7.5 percent in the North Central Region.



The percentage increase in total deliveries of consumer-size packages was somewhat less than the increase in total deliveries of sugar to retailers and wholesalers because of the sharp increase of about 22 percent in the deliveries to wholesalers of sugar other than consumer-size packages.

Deliveries of bulk granulated sugar, both beet and cane, by primary distributors during Calendar Year 1970 were up 13.4 percent as compared with 1969. Deliveries of bulk cane sugar, which accounted for about 55 percent of all bulk sugar deliveries during 1970, increased 21.7 percent above 1969 while deliveries of bulk beet sugar increased 4.6 percent.

Deliveries of industrial and institutional packages (granulated sugar 50 pounds and over) both beet and cane, were up 6.5 percent in 1970 as compared with 1969. Beet sugar, which comprised about 37 percent of the total in 1970, increased 11.2 percent while cane sugar packages increased 4.0 percent.

Sales of dextrose by primary distributors during Calendar Year 1970 totaled 9.9 million hundredweight compared with 10.0 million hundredweight in 1969, a decline of about one percent. Sales to industrial users which in 1970 accounted for 97 percent of all dextrose sales reported, declined 0.7 percent compared with a decline in sales to non-industrial users of 15.3 percent. Only two of the seven industrial users received more dextrose during 1970 than in 1969. Shipments to beverage manufacturers were up 13.2 percent while those to multiple and unclassified food users increased 23.7 percent. Shipments to canners were down the most--6.2 percent, followed by bakery, cereal and allied products down 6.0 percent, confectioners and related products down 4.2 percent, industrial non-food products down 3.9 percent and ice cream and dairy products down 3.4 percent.

The Department's Crop Reporting Board estimated that as of Mar. 1, 1971, sugarbeet growers in the United States intended to plant 1,447,000 acres of sugarbeets for harvest in 1971. If these intentions are carried out, planted acreage in 1971 would be two percent less than last year's and about nine percent smaller than the record acreage planted in 1969. Based on average yields the 1971 planted acreage would yield about 25 million tons of sugarbeets, compared with 26 million tons in 1970 and 27.7 million tons in 1969.

Growers in Washington, Wyoming and Kansas are expected to increase plantings by 10 percent or more, those in Colorado and Idaho by three percent while those in most other States will probably plant less than last year. Soil moisture supplies are adequate for planting in most areas and the outlook for irrigation water supplies is good.

Cane sugar production in Puerto Rico through March 14, 1971 totaled 111,000 short tons, 96 degree basis compared with 211,000 tons produced through March 15, 1970. The yield of sugar per ton of cane has averaged 7.496 percent in 1971, or slightly less than the 7.647 average for production through March 15, 1970. Last year grinding of the 1970 crop production began in November of 1969 and by Feb. 15, 1970 all of the 16 mills had commenced operations. This year only 15 mills are scheduled to operate and several commenced operations in late February and early March. All were operating as of March 14.

The harvest of 1970-71 crop sugarcane in Florida was completed as of March 19 and final reports have been received from all but two mills. The outturn is expected to be about 640,000 tons, raw value, compared with production of 535,000 tons last year. Cane sugar production from the 1970 crop in Louisiana totaled 601,000 tons.

Production of 1971 crop cane sugar in Hawaii totaled 104,457 tons, 96 degree basis through March 13 compared with 119,447 tons produced through March 14 of last year.

The spot quotation for world bulk sugar, fob and stowed at Greater Caribbean ports, including Brazil (No. 11 Contract of the New York Coffee and Sugar Exchange) averaged 4.83 cents per pound during February, up from 4.73 cents in January. The World quotation rose to 5.20 cents per pound on Jan. 29, the highest since the No. 11 Contract was initiated in May 1970. The quotation weakened some in early February falling from 5.10 cents on Feb. 1 to 4.65 cents on Feb. 10. During the latter half of February the price recovered some of the ground lost and closed out the month at 4.95 cents. The price recovery continued into March and on March 10 World sugar was quoted at 5.07 cents per pound. Since then the price has weakened declining to 4.35 cents per pound on March 22 but rising to 4.45 cents on March 24 and to 4.55 cents on March 25. For the period March 1-25, the quotation averaged 4.72 cents per pound.

The spot quotation for World sugar, bagged and stowed at Greater Caribbean Ports (NO. 8 Contract of the New York Coffee and Sugar Exchange) averaged 4.90 cents per pound in February, up from 4.82 cents in January and 3.23 cents in February of 1970. The difference in the quotations under the two contracts, which primarily represents the costs of bags and bagging, has ranged from .10 cent in May 1970, when the No. 11 contract was initiated, to .06 cent in July and August. In January 1971, the World bulk sugar price quotation averaged .09 cent per pound below the quotation for World bagged sugar while in February it was .07 cent less.



The World price having risen above 4.50 cents per pound, the International Sugar Organization on Feb. 5, increased the quotas in effect to 110 percent of the basic aggregate export tonnages. Theoretically this released an additional 735,000 tons of sugar, but in practice it was less because some member countries did not have sufficient sugar. After this action, World prices weakened slightly but a recovery set in on Feb. 11 which carried through March 10, when the price reached 5.07 cents per pound.

On March 11, the International Sugar Organization reallocated a shortfall of 150,000 tons of sugar stemming from a deficit in Poland's quota. On March 16 the ISO announced that after a review of the market situation, no action would be taken to alter the percentage of minimum stocks to be released under Article 30 (2) (a) in the event the prevailing price remained above 4.75 cents per pound by March 21, 1971. Article 30 (2) (a) provides that "ten days after the prevailing price rises above 4.75 cents per pound, sugar held as minimum stocks under the provision of Article 53 shall be released and offered for prompt sale and prompt shipment to importing Members. Unless the Council decides otherwise the amount of sugar so released shall be 50 percent of the total quantity held at that time under the provisions of Article 53."

The World sugar price (New York Coffee and Sugar Exchange) broke on March 15, falling to 4.60 cents per pound. The weakness in the price continued and by March 22 had declined to 4.35 cents. The ISA daily price followed a similar trend. Meanwhile on March 19, the ISO noted that the price had declined below 4.75 cents per pound and accordingly that release of the stocks would not occur. On the same day the ISO announced allocations of 27,000 tons from the Special Hardship Fund, 17,000 tons to the Dominican Republic and 10,000 tons to Thailand.

### USDA Removes first-quarter raw sugar import limitations

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The U. S. Department of Agriculture announced on Feb. 23, 1971 that limitations on the importation of raw sugar during the first quarter of this year have been removed. The 1,411,865 ton limitation on set-aside commitments for the second quarter importation of raw sugar continues in effect.

Raw sugar importations before April 1st had initially been limited to 788,135 tons. An additional 100,000 tons was authorized by a recent action (Press Release USDA 424-71).

Today's action was taken to make adequate supplies of raw sugar from foreign countries available to all refiners especially during late March. The delayed start of harvesting in Puerto Rico and slightly smaller production in Louisiana had reduced somewhat the supplies of domestically produced raw sugar available to Louisiana refiners.

Additional first quarter importations will be authorized from countries that have fulfilled their first quarter quota set-aside obligations on the basis of applications which become eligible for consideration pursuant to "Sugar Quota Clearance" on Form SU-3. Such applications become eligible for consideration not more than 5 days prior to the scheduled date of departure of the vessel for arrival prior to April 1.

Each applicant must certify that approval of the application will not adversely affect fulfillment of quota set-aside agreements currently in effect for the second quarter.

OTHER ADMINISTRATIVE ACTIONSDate announcedNature of action

March 1,  
1971

Local producing areas in 22 states of the Domestic Beet Sugar area designated as eligible for abandonment and crop deficiency payments on the 1969 crop crop sugarbeets. (See March 6, 1971 Federal Register).

March 2,  
1971

The U. S. Department of Agriculture on March 2, 1971 announced a revision in the determination of fair and reasonable wage requirements for sugarbeet workers which became effective April 27, 1970 (35 F.R. 6268). The revision did not affect the level of wage rates -- a matter which is currently under consideration for the 1971 crop.

The provision concerning the payment of worker's wages through a crew leader or labor contractor has been revised to add requirements covering the producer's responsibility and to safeguard the worker's interests. (See March 4, 1971 Federal Register.)

March 25,  
1971

Announced the fair and reasonable wage requirements for sugarbeet work in all producing areas, effective April 12, 1971.

The determination increases the minimum time rate by 10 cents per hour -- from \$1.75 to \$1.85. Minimum piecework rates for specified hand labor operations are increased by amounts ranging from \$0.50 to \$1.50 per acre. The new rates are \$13.50 for Thinning; \$17.50 for Hoeing; \$21.00 for Hoe-Trimming; \$11.00 for Weeding; and \$29.50 for Blocking and Thinning, applicable only in California. The minimum piecework rate for weeding as a first hand labor operation on fields that have been



Date announcedNature of action

March 25,  
1971 (con'd)

machine-thinned and treated with herbicides is \$11.00 per acre. The producer and worker may agree upon piecework rates for unspecified hand labor operations provided the worker's average hourly earnings equal or exceed the \$1.85 hourly minimum.

Payment of wages not less than those determined to be fair and reasonable by the Secretary of Agriculture is a requirement that producers must meet to qualify for payments under the Sugar Act of 1948, as amended.

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. February 1971 sugar deliveries for continental U.S. consumption 711,000 short tons, raw value, (preliminary) down about 9,000 tons from January 1971 and down 72,000 tons from February 1970. January-February 1971 deliveries 1,431,000 short tons, raw value, down 168,000 tons from January-February 1970. Final data for January 1971 deliveries 720,000 short tons, raw value - previously published preliminary as 727,000 tons.

2. Primary distributors' stocks February 27, 1971 were 2,903,000 short tons, raw value (preliminary), up 76,000 from a year ago, and down 100,000 tons from January 31, 1971. During February refiners stocks decreased 106,000 tons, beet processors' stocks increased 2,000 tons, importers of direct consumption sugar stocks were about unchanged, mainland cane processors' stocks increased 4,000 tons.

3. Charges to quotas January 1 to February 28, 1971 were 3,003,537 short tons, raw value, leaving a balance of 7,896,463 tons to be supplied within the 10,900,000 ton total.

4. Regionally, January deliveries, 1971 as compared to 1970 were down in all of the five regions: Decreases -- the West 36.9 percent, New England 13.0 percent, mid-Atlantic 9.3 percent, North Central 7.3 percent and South 5.5 percent.

Table 1.- Sugar supply and disposition by primary distributors, January 1971

(Short tons, raw value)

Item	Beet proc- essors	Importers	Main- land cane proc- essors <sup>1/</sup>	Refiners		Net total
	(1)	(2)	(3)	Raw (4)	Refined (5)	(.)
SUPPLY						
1. <u>Inventory Jan.1,1971</u>	1,347,551	3,879	373,340	806,460 <sup>2/</sup>	252,715 <sup>2/</sup>	2,783,945
2. <u>Production and movement</u>						
a. Received as direct- consumption sugar	0	5,622	0	0	0	5,622
b. Produced from beets or cane	466,360	0	198,952	0	0)	
Less deliveries to refiners	0	0	142,972	0	0)	522,340 <sup>3/</sup>
c. Receipts of raws by refiners	0	0	0	439,168 <sup>4/</sup>	0)	
Less raws melted	0	0	0	617,331	0)	-178,163 <sup>5/</sup>
d. Refined from raws melted	0	0	0	0	609,212	609,212
e. Adjustments	-2	0	-771	-2,613	-9,353	-12,739
f. Sub-total	466,358	5,622	55,209	-180,776	599,859	946,272
3. <u>Net total supply</u>	1,813,909	9,501	428,549	625,684	852,574	3,730,217
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	134,890	3,986	7,096	1,283	572,721	719,976
b. Export	0	0	0	0	4,760	4,760
c. Livestock feed	0	500	0	76	1,622	2,198
d. Alcohol	0	0	0	0	227	227
e. Sub-total	134,890	4,486	7,096	1,359	579,330	727,161
5. <u>Inventory Jan. 31,1971</u>	1,679,019	5,015	421,453	624,325 <sup>6/</sup>	273,244 <sup>6/</sup>	3,003,056
6. <u>Total distribution and     inventory</u>	1,813,909	9,501	428,549	625,684	852,574	3,730,217

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

2/ Includes mainland cane sugar not charged to quota: Raws, 139,487; Refined, 14,309; Total 153,796

3/ Production less deliveries of raw sugar to refiners.

4/ Includes 142,972 tons received from mainland cane processors.

5/ Receipts of raw sugar by refiners less melt.

6/ Refiners' inventories include mainland cane sugar not charged to quota: Raws, 62,425; Refined, 6,653; Total 69,078; Importers' inventory include -0- tons for quota exempt purposes.



Table 2.-Distribution of sugar by primary distributors, January 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
Continental United States			
Refiners' raw	1,359	1,479	-120
Refiners' refined	579,330	600,250	-20,920
Sub-total	580,689	601,729	-21,040
Beet processors' refined	134,890	210,819	-75,929
Importers' direct consumption	4,486	8,469	-3,983
Mainland sugarcane processors'	7,096	5,443	+1,653
Total	727,161	826,460	-99,299
For: Export	4,760	4,864	-104
Livestock feed	2,198	6,028	-3,830
Alcohol	227	279	-52
Continental consumption <sup>1/</sup>	719,976	815,289	-95,313
Puerto Rico	10,000 <sup>2/</sup>	10,004	-4
Hawaii	2,736	2,389	+ 347
<sup>1/</sup> Includes deliveries for United States military forces at home and abroad. <sup>2/</sup> Estimated			

Table 3.-Stocks of sugar held by primary distributors in the continental United States January 31, 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	624,325	505,913	+118,412
Refiners' refined	273,244	254,025	+19,219
Sub-total <sup>1/</sup>	897,569	759,938	+137,631
Beet processors' refined	1,679,019	1,677,168	+1,851
Importers' direct consumption	5,015	10,380	-5,365
Mainland sugarcane processors'	421,453	410,358	+11,095
Total	3,003,056	2,857,844	+145,212
<sup>1/</sup> Included mainland cane sugar not charged to quota; 1971- Raws, 62,425; Refined, 6,653; Total, 69,078, 1970 - Raws, 59,596, Refined, 12,453, Total, 72,049.			

Table 4.-Distribution of sugar by primary distributors in the continental United States, January and January-February 1971 and 1970

Item	1971 <sup>1/</sup> February	1970 Jan.-Feb.	1971 <sup>1/</sup> February	1970 Jan.-Feb.
Short tons, raw value				
Refiners	543,576	1,124,265	520,576	1,122,305
Beet processors' refined	158,535	293,425	259,394	470,213
Importers' direct consumption	5,306	9,792	10,533	19,002
Mainland sugarcane processors'	4,000 <sup>2/</sup>	11,096	4,217	9,660
Total	711,417	1,438,578	794,720	1,621,180
For: Export	n.a.	4,760	5,020	9,884
Livestock feed	n.a.	2,198	6,315	12,343
Alcohol	n.a.	227	135	414
Continental consumption <sup>3/</sup>	711,417	1,431,393	783,250	1,598,539
<sup>1/</sup> Preliminary. <sup>2/</sup> Estimated. <sup>3/</sup> Includes deliveries for U.S. military forces at home and abroad.				

Table 5.-Stocks of sugar held by primary distributors in the continental United States. February 28, 1971 and February 28, 1970

Item	1971 <sup>1/</sup>	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	530,689	407,407	+123,282
Refiners' refined	261,375	263,660	-2,285
Sub-total	792,064	671,067	+120,997
Beet processors' refined	1,681,398	1,707,397	-25,999
Importers' direct consumption	4,748	11,027	-6,279
Mainland sugarcane processors'	425,000 <sup>2/</sup>	437,810	-12,810
Total	2,903,210	2,827,301	+75,909
<sup>1/</sup> Preliminary			
<sup>2/</sup> Estimated			

Table 6- Mainland sugar: Production and quota charges January 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
<u>Production</u>			
Mainland cane	198,136	172,557	+25,579
Domestic beet	466,358	474,825	-8,467
Total	664,494	647,382	+17,112
<u>Quota charges</u>			
<u>Mainland cane:</u>			
Louisiana sugarcane processors			
For further processing	135,618	185,121	-49,503
For direct-consumption	732	3,491	-2,759
Louisiana processor-refiners	19,097	24,229	-5,132
Florida sugarcane processors	79,294	110,596	-31,302
Sub-total	234,741	323,437	-88,696
Beet processors	134,890	210,819	-75,929
Total	369,631	534,256	-164,625

Table 7.- Offshore receipts of quota exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1971	1970	1971	1970	1971	1970
Short tons, raw value						
<u>For export</u>						
Dominican Republic	14,868				14,868	
Guatemala		5,890				5,890
Honduras		174				174
Total	14,868	6,064			14,868	6,064
<u>For livestock feed</u>						
Brazil		2,517				2,517
United Kingdom			1,754		1,754	
Total		2,517	1,754		1,754	2,517
<u>Held pending availability of quota</u>						
Dominican Republic	3,873				3,873	
Total	3,873				3,873	
GRAND TOTAL	18,741	8,581	1,754		20,495	8,581

Table 8.- Sugar receipts of refiners and importers by source of supply<sup>1/</sup> January 1971 and 1970

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1971	1970	1971	1970	1971	1970
Short tons, raw value						
<u>OFFSHORE</u>						
<u>Foreign</u>						
Brazil	86,213	59,225			86,213	59,225
British West Indies	9,973				9,973	
Colombia				8		8
Costa Rica	4,778				4,778	
Denmark			10		10	
Dominican Republic	54,742	62,622			54,742	62,622
Ecuador	4,305				4,305	
El Salvador	4,818				4,818	
French West Indies	4,910				4,910	
Germany, West				10		10
Guatemala	11,840	5,890			11,840	5,890
Honduras		5,193				5,193
Ireland			1,798	1,336	1,798	1,336
Mexico	37,780	49,793	5		37,785	49,793
Netherlands				10		10
Nicaragua	3,372				3,372	
Panama		1,477	24		24	1,477
Peru	11,776	20,885			11,776	20,885
Philippines	61,412		1,819		63,231	
Sweden			5	6	5	6
United Kingdom			1,755		1,755	
Total	295,919	205,085	5,416	1,370	301,335	206,455
<u>Domestic</u>						
Hawaii	0	25,476	0 <sup>2/</sup>	0 <sup>2/</sup>	0	25,476
Puerto Rico	0	7,342	206	7,574	206	14,916
Virgin Islands	0	0	0	0	0	0
Sub-total	0	32,818	206	7,574	206	40,392
Total all offshore	295,919	237,903	5,622	8,944	301,541	246,847
Mainland cane area	142,972	166,699	0 <sup>3/</sup>	0 <sup>3/</sup>	142,972	166,699
Acquired for reprocessing and samples	277	159	0	0	277	159
Grand total	439,168	404,761	5,622	8,944	444,790	413,705

<sup>1/</sup> Includes sugar as detailed in Table 7.<sup>2/</sup> Refined sugar received by refiners.<sup>3/</sup> Refined sugar produced direct from cane by processor - refiner



Table 9- Status of 1971 quotas and charges as of February 28, 1971

Source of supply	Quotas and prorations	Charges to quotas 1/			Balances 2/
		Set-aside	By SU-3	Total 2/3/	
Short tons, raw value					
Domestic beet sugar	3,263,333			293,000	2,970,333
Mainland cane sugar	1,186,667			350,000	836,667
Hawaii	1,180,000			52,540	1,127,460
Puerto Rico	1,140,000			3,938	1,136,062
Virgin Islands	15,000				
Republic of the Philippines	1,126,000	383,258 <sup>4/</sup>	126,616	509,874	616,146
Argentina	57,331	43,684	3,692	47,376	9,955
Australia	194,965				194,965
Bahamas	10,000	5,000	5,000	10,000	
Bolivia	5,548		217	217	5,331
Brazil	466,048	184,845	119,591	304,436	161,612
British Honduras	11,953	4,800	5,735	10,535	1,418
British West Indies	164,079	74,940	15,812	90,752	73,327
China, Republic of	81,235	47,460	4,060	51,520	29,715
Colombia	49,317	18,841	10,218	29,059	20,258
Costa Rica	54,865	26,837	16,031	42,868	11,997
Dominican Republic	466,048	250,330	113,811	364,141	101,907
Ecuador	67,811	14,444	7,200	21,644	46,167
El Salvador	33,905	11,645	19,490	31,135	2,770
Fiji Islands	42,784		749	749	42,035
French West Indies	51,614	37,891	5,189	43,080	8,534
Guatemala	46,234	21,276	24,958	46,234	
Haiti	25,892	13,116		13,116	12,776
Honduras	5,548		5,380	5,380	168
India	77,986	32,269		32,269	45,717
Ireland	5,351		2,607	2,607	2,744
Malagasy Republic	9,206				9,206
Mauritius	17,872				17,872
Mexico	476,527	276,683	120,502	397,185	79,342
Nicaragua	54,865	23,607	7,640	31,247	23,618
Panama	34,522	18,116	4,465	22,581	11,941
Peru	371,729	79,050	59,514	138,564	233,165
South Africa	57,406	17,472	18,291	35,763	21,643
Swaziland	7,041		365	365	6,676
Thailand	17,872		847	847	17,025
Venezuela	23,426	13,992	6,523	20,515	2,911
Total	4,115,000	1,599,556	704,503	2,304,059	1,810,941
GRAND TOTAL	10,900,000			3,003,537	7,896,463

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances: Hawaii 680 and 36,598; Panama 24 and 3,793; Philippines 3,317 and 56,603; Puerto Rico 3,938 and 159,562; Ireland 2,607 and 2,744

3/ Includes raw sugar for direct consumption: Hawaii 0; Puerto Rico 0.

4/ Represents quantity reserved for importation during the first half.

Table 10.-Quota-exempt and over quota sugar authorized for entry as of February 28, 1971 1/

Country	Re-export	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Bahamas				530	530
Brazil	1,209		4,970		6,179
Dominican Republic	19,271	4,211		3,873	27,355
United Kingdom		3,509			3,509
Total	20,480	7,720	4,970	4,403	37,573

1/ In addition:

(a) Under provisions of Sec. 212, 57 tons were entered as liquid sugar in small containers; 63 tons as the first ten tons;

(b) Raw sugar was brought in for refining and return to: Hawaii 0 tons; Puerto Rico 0 tons;

(c) Tons of sugar in Customs Custody for subsequent entry: Hong Kong 40

Table 11 - Primary distribution of sugar, continental United States, by States, January 1971

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<u>New England</u>					
Connecticut	96,213		1,613		97,826
Maine	40,038		449		40,487
Massachusetts	381,757	1,600	400	300	384,057
New Hampshire	29,510		403		29,913
Rhode Island	36,154		403		36,557
Vermont	25,916				25,916
Sub-total	609,588	1,600	3,268	300	614,756
<u>Mid-Atlantic</u>					
New Jersey	669,797		9,134	3,704	682,635
New York	1,190,162	22,753	12,219	2,000	1,227,134
Pennsylvania	929,623	16,610	20,346		966,579
Sub-total	2,789,582	39,363	41,699	5,704	2,876,348
<u>North Central</u>					
Illinois	819,257	539,745		1,600	1,360,602
Indiana	315,575	47,549			363,124
Iowa	64,751	117,396			182,147
Kansas	34,770	81,113		400	116,283
Michigan	269,202	155,454			424,656
Minnesota	56,243	165,937			222,180
Missouri	283,398	94,040			377,438
Nebraska	16,894	107,880			124,774
North Dakota	972	27,334			28,306
Ohio	626,419	169,881	2,000	216	798,516
South Dakota	1,462	25,248			26,710
Wisconsin	133,111	130,432			263,543
Sub-total	2,622,054	1,662,009	2,000	2,216	4,288,279
<u>Southern</u>					
Alabama	206,310			1,840	208,150
Arkansas	99,001				99,001
Delaware	169,012				169,012
District of Columbia	36,984				36,984
Florida	356,794			104,036	460,830
Georgia	520,977			2,163	523,140
Kentucky	158,742				158,742
Louisiana	269,463			4,929	274,392
Maryland	403,703	5	6,219	5,040	414,967
Mississippi	113,301			575	113,876
North Carolina	297,574	16,192	1,326		315,092
Oklahoma	87,308	5,349			92,657
South Carolina	171,584				171,584
Tennessee	312,872		200		313,072
Texas	616,837	124,708		2,015	743,560
Virginia	234,281		2,428	4,000	240,709
West Virginia	53,134	2,400			55,534
Sub-total	4,107,877	148,654	10,173	124,598	4,391,302
<u>Western</u>					
Alaska	974	931			1,905
Arizona	25,760	15,809			41,569
California	522,012	370,346	16,800		909,158
Colorado	18,388	95,752			114,140
Idaho	2,964	13,680			16,644
Montana	1,650	16,714			18,364
Nevada	3,569	3,285			6,854
New Mexico	7,452	15,424			22,876
Oregon	42,360	58,486			100,846
Utah	8,095	23,010			31,105
Washington	40,644	50,573			91,217
Wyoming	4,160	5,672			9,832
Sub-total	678,028	669,682	16,800		1,364,510
Grand total	10,807,129	2,521,308	73,940	132,818	13,535,195

<sup>1/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12 - Primary distribution of sugar, continental United States, by states, January 1971 and 1970

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors <sup>1/</sup>	
	1971	1970	1971	1970	1971	1970
Thousands of hundredweights <sup>2/</sup>						
<u>New England</u>						
Connecticut	96	110		5	98	117
Maine	40	42		4	40	47
Massachusetts	382	417	2	36	384	454
New Hampshire	30	29		1	30	30
Rhode Island	36	34		7	37	41
Vermont	26	15		3	26	18
Sub-total	610	647	2	56	615	707
<u>Mid-Atlantic</u>						
New Jersey	670	689		5	683	743
New York	1,190	1,234	23	86	1,227	1,361
Pennsylvania	930	990	16	44	966	1,066
Sub-total	2,790	2,913	39	135	2,876	3,170
<u>North Central</u>						
Illinois	819	595	540	631	1,361	1,267
Indiana	316	330	47	123	363	453
Iowa	65	51	117	145	182	196
Kansas	35	43	81	78	116	122
Michigan	269	287	156	314	425	601
Minnesota	56	28	166	192	222	220
Missouri	283	249	94	138	377	389
Nebraska	17	16	108	148	125	164
North Dakota	1	1	27	35	28	36
Ohio	626	579	170	302	798	882
South Dakota	2	1	25	26	27	27
Wisconsin	133	105	131	163	264	268
Sub-total	2,622	2,285	1,662	2,295	4,288	4,625
<u>Southern</u>						
Alabama	206	195			208	196
Arkansas	99	106		14	99	120
Delaware	169	184			169	184
District of Columbia	37	34			37	34
Florida	357	393			461	429
Georgia	521	530			523	533
Kentucky	159	196			159	196
Louisiana	269	315			274	325
Maryland	404	380	*		415	404
Mississippi	113	115			114	115
North Carolina	298	353	16		315	355
Oklahoma	87	114	5	29	92	143
South Carolina	171	184			171	184
Tennessee	313	323			313	323
Texas	617	608	125	150	744	765
Virginia	234	261			241	262
West Virginia	53	75	2	3	56	78
Sub-total	4,107	4,366	148	196	4,391	4,646
<u>Western</u>						
Alaska	1	2	1	2	2	4
Arizona	26	41	16	29	42	70
California	522	678	370	760	909	1,438
Colorado	18	26	96	109	114	135
Idaho	3	4	14	24	17	28
Montana	2	3	17	25	19	28
Nevada	4	10	3	2	7	12
New Mexico	7	9	15	15	22	24
Oregon	42	62	59	96	101	158
Utah	8	10	23	50	31	60
Washington	41	58	50	141	91	199
Wyoming	4	1	6	6	10	7
Sub-total	678	904	670	1,259	1,365	2,163
Grand total	10,807	11,115	2,521	3,941	13,535	15,311

<sup>1/</sup> Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 13.- Sugar deliveries, by type of product or business of buyer and by type of sugar, fourth quarter 1970 <sup>1/</sup>

Product or business of buyer	Beet	Cane	Imported	Total	Liquid sugar	
	(total)	(total)	D.C. (total)	all sugar	included in totals	
					Beet	Cane
Hundredweights <sup>2/</sup>						
<u>Industrial</u>						
Bakery, cereal and allied products	2,656,251	4,666,231	29,891	7,352,373	103,878	643,910
Confectionery and related products	2,230,408	3,527,622	41,440	5,799,470	42,266	773,748
Ice cream and dairy products	970,791	1,474,745	7,399	2,452,935	496,508	976,810
Beverages	3,025,930	7,867,096	8,947	10,901,973	1,240,634	5,377,484
Canned, bottled, frozen foods, jams, jellies and preserves	1,457,743	2,545,557	28,587	4,031,887	318,722	1,272,865
Multiple and all other food uses	1,052,962	1,416,123	11,103	2,480,188	27,714	349,243
Non-food products	<u>41,467</u>	<u>406,127</u>	<u>7,190</u>	<u>454,784</u>	<u>9,627</u>	<u>192,205</u>
Sub-total	11,435,552	21,903,501	134,557	33,473,610	2,239,349	9,586,265
<u>Non-industrial</u>						
Hotels, restaurants, institutions	25,383	426,094	6,116	457,593	5,776	27,500
Wholesale grocers, jobbers, sugar dealers	3,465,496	7,317,528	152,945	10,935,969	73,415	65,803
Retail grocers, chain stores, super markets	1,118,159	5,365,425	272,917	6,756,501	37,667	33,874
All other deliveries, including deliveries to Government agencies	<u>78,955</u>	<u>340,868</u>	<u>108</u>	<u>419,931</u>	<u>5,110</u>	<u>26,258</u>
Sub-total	4,687,993	13,449,915	432,086	18,569,994	121,968	153,435
TOTAL DELIVERIES	16,123,545	35,353,416	566,643	52,043,604	2,361,317	9,739,700
Deliveries in consumer-size packages (less than 50 lbs.)	2,502,830	9,944,202	242,174	12,689,206		
Deliveries in bulk (unpackaged)	6,870,718	8,825,206		15,695,924		

<sup>1/</sup>Represents approximately 100 percent of deliveries by primary distributors in continental United States.

<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 14. Sugar deliveries, by type of product or business of buyer, fourth quarter 1970 and percentage change from fourth quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	7,352,373	199,933	1,398,118	3,376,659	1,426,740	950,923
Confectionery and related products	5,799,470	301,653	1,921,951	2,323,678	441,925	810,263
Ice cream and dairy products	2,452,935	110,262	413,637	809,694	568,833	550,509
Beverages	10,901,973	354,517	1,938,840	3,048,837	3,732,007	1,827,772
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	4,031,887	128,518	1,003,234	1,100,222	950,230	849,683
Multiple and all other food uses	2,480,188	109,061	240,181	1,205,535	340,802	584,609
Non-food products	454,784	4,476	134,355	171,700	130,134	14,119
Sub-total	33,473,610	1,208,420	7,050,316	12,036,325	7,590,671	5,587,878
<u>Non-industrial</u>						
Hotels, restaurants, institutions	457,593	19,655	94,985	49,595	177,069	116,289
Wholesale grocers, jobbers, sugar dealers	10,935,969	438,150	1,451,420	4,207,461	3,197,826	1,641,112
Retail grocers, chain stores, super markets	6,756,501	353,139	1,454,478	1,728,982	2,485,711	734,191
All other deliveries, including deliveries to Government agencies	419,931	4,553	80,178	62,143	168,026	105,031
Sub-total	18,569,994	815,497	3,081,061	6,048,181	6,028,632	2,596,623
TOTAL DELIVERIES	52,043,604	2,023,917	10,131,377	18,084,506	13,619,303	8,184,501
Percentage change from fourth quarter 1969						
<u>Industrial</u>						
Bakery, cereal and allied products	+3.8	-2.2	+ *	+8.6	-9.2	+18.3
Confectionery and related products	+2.3	-11.3	-5.9	+10.1	-2.3	+11.7
Ice cream and dairy products	+5.9	-2.8	+17.2	-1.1	-0.1	+19.5
Beverages	+9.8	+18.3	+9.4	+6.3	+4.0	+30.4
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+14.1	+0.1	+7.3	+13.7	+27.4	+12.5
Multiple and all other food uses	+0.9	+12.9	+5.2	-7.3	+27.6	+3.2
Non-food products	+8.8	-22.0	+36.8	+2.1	-8.3	+254.2
Sub-total	+6.6	+1.7	+3.3	+6.1	+3.5	+18.4
<u>Non-industrial</u>						
Hotels, restaurants, institutions	+6.4	+5.6	+35.9	-12.9	+31.5	-22.5
Wholesale grocers, jobbers, sugar dealers	+5.7	-6.0	-6.5	+14.1	+1.3	+10.5
Retail grocers, chain stores, super markets	+6.7	+16.4	+0.5	-2.1	+17.2	+5.8
All other deliveries, including deliveries to Government agencies	+11.6	+121.7	+84.4	+30.6	-13.0	+16.9
Sub-total	+6.2	+3.2	-1.0	+8.8	+7.5	+7.3
TOTAL	+6.2	+3.2	-1.0	+8.8	+7.5	+7.3

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis. \* Less than 0.05 percent

Table 15.- Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) fourth quarter and calendar year 1970

Area	Fourth quarter			Calendar year		
	Cane sugar	Beet sugar	Total	Cane sugar	Beet sugar	Total
Hundredweights 1/						
United States	10,186,376	2,502,830	12,689,206	40,354,027	10,528,831	50,882,858
New England	609,046	0	609,046	2,296,089	1,008	2,297,097
Middle Atlantic	2,122,675	5,529	2,128,204	7,944,476	57,476	8,001,952
North Central and West, combined 2/	3,250,549	2,444,030	5,694,579	11,409,928	10,252,638	21,662,566
South	4,204,106	53,271	4,257,377	18,703,534	217,709	18,921,243

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Combined to avoid disclosure of individual company data. Total reported distribution in consumer-size packages in these areas; fourth quarter, North Central 3,645,106; West 2,049,473, calendar year North Central 14,231,369; West 7,431,197

Table 16. Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during calendar years 1970 and 1969 with comparisons

Calendar year	Region					U.S. total	Type of sugar	
	New	Middle	South	North	West		Beet	Cane
	England	Atlantic		Central				
1,000 hundredweights 1/								
(1) <u>Total direct deliveries</u>								
1970	8,358	41,004	58,715	71,081	33,264	212,422	66,728	145,694
1969	8,226	39,338	54,829	64,197	31,083	197,673	60,105	137,568
Change	+132	+1,666	+3,886	+6,884	+2,181	+14,749	+6,623	+8,126
(2) <u>Consumer-size packages (granulated less than 50 lbs.)</u>								
1970	2,297	8,002	18,921	14,232	7,431	50,883	10,529	40,354
1969	2,219	7,757	18,730	13,236	7,177	49,119	8,515	40,604
Change	+78	+245	+191	+996	+254	+1,764	+2,014	-250
(3) <u>Other deliveries, industrial and institutional</u>								
1970	6,061	33,002	39,794	56,849	25,833	161,539	56,199	105,340
1969	6,007	31,581	36,099	50,961	23,906	148,554	51,590	96,964
Change	+54	+1,421	+3,695	+5,888	+1,927	+12,985	+4,609	+8,376
(3a) <u>Bulk granulated</u>								
1970	930	11,578	12,155	24,917	9,467	59,047	26,595	32,452
1969	917	9,074	10,884	23,198	8,014	52,087	25,421	26,666
Change	+13	+2,504	+1,271	+1,719	+1,453	+6,960	+1,174	+5,786
(3b) <u>Liquid sugar</u>								
1970	3,200	12,942	14,615	13,874	10,438	55,069	12,229	42,840
1969	2,983	12,892	13,445	12,536	10,088	51,944	10,549	41,395
Change	+217	+50	+1,170	+1,338	+350	+3,125	+1,680	+1,445
(3c) <u>Industrial and institutional packages (granulated 50 lbs. and over)</u>								
1970	1,931	8,482	13,024	18,058	5,928	47,423	17,375	30,048
1969	2,107	9,615	11,770	15,227	5,804	44,523	15,620	28,903
Change	-176	-1,133	+1,254	+2,831	+124	+2,900	+1,755	+1,145

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 17.- Sugar deliveries, by type of product or business of buyer and by type of sugar, calendar year 1970 <sup>1/</sup>

Product or business of buyer	Beet	Cane	Imported	Total	Liquid sugar	
	(total)	(total)	D.C. (total)	all sugar	included in totals	
					Beet	Cane
<hr/>						
	<hr/> Hundredweights 2/ <hr/>					
<u>Industrial</u>						
Bakery, cereal and allied products	11,385,923	17,828,859	153,473	29,368,255	792,619	2,694,281
Confectionery and related products	8,197,683	13,701,098	225,596	22,124,377	169,393	3,225,729
Ice cream and dairy products	4,084,261	6,796,151	62,915	10,943,327	1,975,252	4,773,846
Beverages	11,781,659	35,309,552	50,403	47,141,614	5,199,431	24,905,928
Canned, bottled, frozen foods, jams, jellies and preserves	8,743,509	9,602,511	213,016	18,559,036	3,307,909	4,796,937
Multiple and all other food uses	3,394,138	5,024,093	92,072	8,510,303	120,821	1,110,080
Non-food products	<u>232,807</u>	<u>1,386,621</u>	<u>34,169</u>	<u>1,653,597</u>	<u>23,470</u>	<u>526,328</u>
Sub-total	47,819,980	89,648,885	831,644	138,300,509	11,588,895	42,033,129
<u>Non-industrial</u>						
Hotels, restaurants, institutions	111,697	1,648,413	39,928	1,800,038	22,650	154,908
Wholesale grocers, jobbers, sugar dealers	13,735,688	29,448,029	769,005	43,952,722	463,942	300,033
Retail grocers, chain stores, super markets	4,543,187	20,754,319	1,103,873	26,401,379	128,683	185,351
All other deliveries, in- cluding deliveries to Government agencies	<u>517,896</u>	<u>1,443,652</u>	<u>5,811</u>	<u>1,967,359</u>	<u>25,028</u>	<u>166,463</u>
Sub-total	18,908,468	53,294,413	1,918,617	74,121,498	640,303	806,755
TOTAL DELIVERIES	66,728,448	142,943,298	2,750,261	212,422,007	12,229,198	42,839,884
Deliveries in consumer- size packages (less than 50 lbs.)	10,528,831	39,519,994	834,033	50,882,858		
Deliveries in bulk (unpackaged)	26,595,330	32,451,330	0	59,046,660		

<sup>1/</sup> Represents approximately 100.0 percent of deliveries by primary distributors in continental United States.

<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 18-Sugar deliveries, by type of product or business of buyer, calendar year 1970 and percentage change from calendar year 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	29,368,255	784,957	5,693,924	13,089,524	6,065,260	3,734,590
Confectionery and related products	22,124,377	1,262,855	8,032,846	8,138,714	1,817,962	2,872,000
Ice cream and dairy products	10,943,327	554,697	1,949,716	3,661,333	2,730,843	2,046,738
Beverages	47,141,614	1,621,578	8,514,272	12,817,237	16,992,912	7,195,615
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	18,559,036	483,888	3,554,421	4,938,691	3,813,903	5,768,133
Multiple and all other food uses	8,510,303	440,256	828,809	4,203,731	1,236,764	1,800,743
Non-food products	<u>1,653,597</u>	<u>24,065</u>	<u>399,913</u>	<u>677,925</u>	<u>500,621</u>	<u>51,073</u>
Sub-total	138,300,509	5,172,296	28,973,901	47,527,155	33,158,265	23,468,892
<u>Non-industrial</u>						
Hotels, restaurants, institutions	1,800,038	97,628	374,457	195,832	639,442	492,679
Wholesale grocers, jobbers, sugar dealers	43,952,722	1,833,961	5,826,942	16,099,963	14,060,591	6,131,265
Retail grocers, chain stores, super markets	26,401,379	1,236,357	5,567,493	6,927,925	10,028,795	2,640,809
All other deliveries, including deliveries to Government agencies	<u>1,967,359</u>	<u>18,082</u>	<u>260,758</u>	<u>330,256</u>	<u>828,356</u>	<u>529,907</u>
Sub-total	74,121,498	3,186,028	12,029,650	23,553,976	25,557,184	9,794,660
TOTAL DELIVERIES	212,422,007	8,358,324	41,003,551	71,081,131	58,715,449	33,263,552

	Percentage change from calendar year 1969					
<u>Industrial</u>						
Bakery, cereal and allied products	+9.3	-2.0	+2.5	+14.4	-1.4	+27.4
Confectionery and related products	+6.7	-6.4	+2.3	+7.1	+8.3	+26.4
Ice cream and dairy products	+3.7	-0.4	+8.9	-1.4	-0.3	+16.4
Beverages	+12.3	+21.6	+12.5	+12.8	+7.0	+23.4
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+1.3	-10.9	+4.5	+8.6	+19.6	-13.1
Multiple and all other food uses	-3.6	+6.7	-13.8	+1.1	+11.1	-17.6
Non-food products	<u>+14.6</u>	<u>-16.7</u>	<u>+9.1</u>	<u>+33.7</u>	<u>-3.9</u>	<u>+168.0</u>
Sub-total	<u>+7.4</u>	<u>+2.9</u>	<u>+5.4</u>	<u>+9.7</u>	<u>+6.0</u>	<u>+8.5</u>
<u>Non-industrial</u>						
Hotels, restaurants, institutions	-2.5	-14.3	+27.0	-27.8	+12.3	-17.4
Wholesale grocers, jobbers, sugar dealers	+6.6	-3.6	-3.9	+15.4	+4.2	+5.4
Retail grocers, chain stores, super markets	+10.6	+6.5	+8.1	+10.0	+15.4	+3.1
All other deliveries, including deliveries to Government agencies	<u>-0.5</u>	<u>-24.2</u>	<u>-21.3</u>	<u>-7.0</u>	<u>+3.8</u>	<u>+13.0</u>
Sub-total	<u>+7.6</u>	<u>-0.5</u>	<u>+1.6</u>	<u>+12.9</u>	<u>+8.5</u>	<u>+3.7</u>
TOTAL	+7.5	+1.6	+4.2	+10.7	+7.1	+7.0

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 19-Dextrose sales, by type of product or business of buyer, fourth quarter 1970 and percentage change from fourth quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	989,621	44,947	192,740	344,045	246,502	161,387
Confectionery and related products	155,397	180	56,383	88,819	4,333	5,682
Ice cream and dairy products	20,064	835	5,268	9,528	3,148	1,285
Beverages	218,249	2,742	92,664	52,126	56,489	14,228
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	159,772	6,775	44,958	52,652	27,941	27,446
Multiple and all other food uses	268,872	719	59,276	80,929	42,528	85,420
Non-food products	<u>350,501</u>	<u>94,429</u>	<u>124,478</u>	<u>62,866</u>	<u>64,564</u>	<u>4,164</u>
Sub-total	2,162,476	150,627	575,767	690,965	445,505	299,612
<u>Non-industrial 2/</u>						
TOTAL SALES	2,226,206	150,627	577,994	719,915	446,746	330,924

Percentage change from fourth quarter 1969						
<u>Industrial</u>						
Bakery, cereal and allied products	-10.7	-10.4	-9.6	-14.2	-9.6	-5.5
Confectionery and related products	-11.8	+9.1	-24.7	-2.1	+35.0	-21.4
Ice cream and dairy products	-26.8	+36.5	-51.1	+0.1	-7.8	-46.0
Beverages	+10.8	-36.7	-13.5	+9.2	+124.7	+13.0
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-4.8	-15.0	+1.8	-9.3	-20.7	+22.2
Multiple and all other food uses	+20.1	-84.4	+29.0	-5.6	-1.3	+92.4
Non-food products	<u>-26.2</u>	<u>-48.5</u>	<u>+0.2</u>	<u>-29.6</u>	<u>-7.1</u>	<u>-51.7</u>
Sub-total	-8.9	-40.2	-7.2	-11.6	-1.5	+11.6
<u>Non-industrial</u>						
	-13.8		-44.5	-20.2	-65.8	+8.0
TOTAL	-9.1	-40.4	-7.4	-12.0	-2.0	+11.3

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

2/ Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England 0; Middle Atlantic 1,612; North Central 1,407; South 940; West 557; Total, 4,516.



Table 20-Dextrose sales, by type of product or business of buyer, calendar year 1970 <sup>1/</sup> and percentage change from calendar year 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights <sup>2/</sup>						
<u>Industrial</u>						
Bakery, cereal and allied products	4,176,694	187,865	795,707	1,515,987	1,021,561	655,574
Confectionery and related products	731,437	1,556	334,695	346,355	20,917	27,914
Ice cream and dairy products	122,765	5,388	52,692	44,683	13,357	6,645
Beverages	1,019,357	22,256	438,980	260,417	220,058	77,646
Canned, bottled, frozen foods, jams, jellies	690,022	26,438	178,292	262,623	121,211	101,458
Multiple and all other foods	1,221,810	6,020	233,995	343,963	146,077	491,755
Non-food products	<u>1,667,917</u>	<u>513,702</u>	<u>481,210</u>	<u>353,195</u>	<u>287,954</u>	<u>31,856</u>
Sub-total	9,630,002	763,225	2,515,571	3,127,223	1,831,135	1,392,848
<u>Non-industrial</u> <sup>3/</sup>	289,380	1,929	11,086	134,608	10,004	131,753
<u>TOTAL SALES</u>	9,919,382	765,154	2,526,657	3,261,831	1,841,139	1,524,601

Percentage change from calendar year 1969

<u>Industrial</u>						
Bakery, cereal and allied products	-6.0	-10.0	-4.2	-6.6	-8.4	-1.5
Confectionery and related products	-4.2	-14.6	-5.2	-2.6	+47.8	-28.9
Ice cream and dairy products	-3.4	-14.8	+17.1	+7.6	-46.6	-28.2
Beverages	+13.2	+13.4	+7.0	+5.8	+31.9	+34.4
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-6.2	-15.5	-6.8	-3.4	-9.9	-4.6
Multiple and all other food uses	+23.7	-45.8	+42.3	-2.4	+21.2	+44.8
Non-food products	<u>-3.9</u>	<u>-7.4</u>	<u>+12.5</u>	<u>-8.1</u>	<u>-11.8</u>	<u>-24.9</u>
Sub-total	-0.7	-8.5	+3.9	-4.5	-3.8	+10.6
<u>Non-industrial</u>	-15.3	-68.2	-26.6	-7.2	-26.5	-18.7
<u>TOTAL</u>	-1.2	-8.9	+3.7	-4.6	-3.9	+7.2

<sup>1/</sup> Reflects second quarter revision.

<sup>2/</sup> Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

<sup>3/</sup> Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England 38; Middle Atlantic 5,496; North Central 6,505; South 5,065; West 2,795; total 19,899.

Table 21.- Sugar prices

Year and month	: Raw cane sugar-spot price :			: Refined beet sugar - quoted		
	: Domestic : "World" :			: wholesale (gross) 4/ :		
	: sugar at NY.: sugar 2/ :			: Eastern : Chicago- : Pacific		
	: duty paid 1/:			: West : Coast		
Cents per pound						
1966-70 Monthly average	7.52	2.59	+3.93	10.08	10.08	10.19
1969 " "	7.75	3.37	+3.38	10.23	10.23	10.14
1970 Monthly average	8.07	3.75	+3.19	11.08	11.08	10.79
1970						
March	7.90	3.44	+3.34	10.85	10.85	10.50
April	7.90	3.62	+3.16	10.85	10.85	10.50
May	8.16	3.75	+3.26	10.85	10.85	10.70
June	8.22	3.82	+3.25	11.20	11.20	10.70
July	8.16	3.86	+3.15	11.20	11.20	10.70
August	8.19	3.89	+3.15	11.20	11.20	10.70
September	8.16	3.93	+3.08	11.35	11.35	11.20
October	8.14	3.99	+3.00	11.45	11.45	11.20
November	7.96	4.18	+2.63	11.45	11.45	11.20
December	8.02	4.16	+2.71	11.45	11.45	11.20
1971						
January	8.35	4.73	+2.42	11.52	11.52	11.20
February	8.44	4.83	+2.41	11.60	11.60	11.20
Last 12-month average	8.13	4.02	+2.96	11.25	11.25	10.92
Year and month	: Refined cane sugar - quoted wholesale (gross) 4/ :					
	: North : South : Gulf : Chicago- : Pacific : U.S.					
	: East : East : Gulf : West : Coast : average					
Cents per pound						
1966-70 Monthly average	11.05	10.61	10.42	10.14	10.19	12.36
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40
1970 Monthly average	11.97	11.41	11.04	11.08	10.79	12.97
1970						
March	11.70	11.20	10.90	10.85	10.50	12.70
April	11.70	11.20	10.90	10.85	10.50	12.76
May	11.88	11.20	10.90	10.85	10.70	12.84
June	12.05	11.43	11.15	11.20	10.70	12.92
July	12.05	11.50	11.15	11.20	10.70	13.04
August	12.05	11.50	11.15	11.20	10.70	13.12
September	12.20	11.65	11.15	11.35	11.20	13.16
October	12.20	11.65	11.15	11.45	11.20	13.22
November	12.20	11.65	11.15	11.45	11.20	13.34
December	12.20	11.65	11.15	11.45	11.20	13.40
1971						
January	12.20	11.76	11.30	11.52	11.20	13.40
February	12.20	11.80	11.30	11.60	11.20	13.44
Last 12-month average	12.05	11.52	11.11	11.25	10.92	13.11

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cents per pound.

2/ Spot prices are for bulk sugar under Contract No. 11 which, beginning Jan. 1, 1971, replaces Contract No. 8. The terms of these contracts are f.o.b. and stowed at Greater Caribbean ports, including Brazil.

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges before calculating the differential from the "World Contract" spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

Table 22-Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale north- east 1/	Dextrose New York 2/		Corn sirup New York 3/		Dextrose relative to refined sugar		Corn sirup relative to refined sugar	
		Quoted	Dry basis 4/	Quoted	Dry basis 4/	Quoted	Dry basis	Quoted	Dry basis
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.55	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
1970	11.97	9.38	10.20	6.79	8.45	78	85	55	
<u>1970</u>									
March	11.70	9.24	10.04	6.50	8.09	79	86	56	69
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
October	12.20	9.61	10.45	7.26	9.04	79	86	60	74
November	12.20	9.64	10.48	7.26	9.04	79	86	60	74
December	12.20	9.61	10.45	7.26	9.04	79	86	60	74
<u>1971</u>									
January	12.20	9.64	10.48	7.26	9.04	79	86	60	74
February	12.20	9.64	10.48	7.26	9.04	78	86	60	74
Last 12-month average	12.05	9.46	10.29	6.92	8.61	79	85	58	71

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964, price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.



UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Stabilization and Conservation Service  
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Table 23. - Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
1970 monthly average	637	293	254	1,144
<u>1970</u>				
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629	111	225	842
August	662	117	220	557
September	691	140	215	324
October	673	614	217	696
November	616	683	245	1,157
December	642	596	253	1,348
<u>1971</u>				
January	600 <sup>2/</sup>	466	273 <sup>2/</sup>	1,679
February	533	154	261	1,649
Last 12-month average	638	280	256	1,140

<sup>1/</sup> Includes over-quota and quota exempt

<sup>2/</sup> Revised

<sup>3/</sup> Preliminary